

IN THE CLAIMS:

Please find below a listing of all of the pending claims. The statuses of the claims are set forth in parentheses.

1-9. (Cancelled).

10. (Original) A method of cooling a plurality of heat generating components of an electronic system having an enclosure and a plenum located within said enclosure, said method comprising:

activating at least one variable speed blower and a plurality of valves, each of said valves terminating substantially close to a respective heat generating component, to thereby supply cooling fluid to said heat generating components;

sensing the temperatures of each of said heat generating components;

determining whether said sensed temperatures are within a predetermined temperature range; and

varying said supply of said cooling fluid to said heat generating components in response to said sensed temperatures falling outside of said predetermined temperature range.

11. (Currently amended) The method according to claim 10, further comprising:

determining whether the measured temperatures of said heat generating components are each below or equal to a predetermined minimum set point temperature;

~~decreasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that fall below or equal said predetermined minimum set point temperature; and~~

~~increasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that exceed said predetermined minimum set point temperature.~~

12. (Currently amended) The method according to claim [[11]]21, further comprising:

decreasing the speed of said at least one blower in response to said decreasing cooling fluid supply to said heat generating components exceeding said increasing cooling fluid supply to said heat generating components.

13. (Currently amended) The method according to claim [[11]]22, further comprising:

increasing the speed of said at least one blower in response to said decreasing cooling fluid supply to said heat generating components falling below said increasing cooling fluid supply to said heat generating components.

14-20. (Canceled)

21. (New) The method according to claim 11, further comprising:
decreasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that fall below or equal said predetermined minimum set point temperature.

22. (New) The method according to claim 11, further comprising:
increasing the supply of said cooling fluid to said heat generating components for
those heat generating components having measured temperatures that exceed said
predetermined minimum set point temperature.

23. (New) The method according to claim 10, further comprising:
supplying the plenum with cooling fluid with the at least one variable speed blower
prior to supplying the cooling fluid to said heat generating components; and
substantially maintaining a portion of the cooling fluid at a substantially uniform
pressure.

24. (New) The method according to claim 10, wherein the step of sensing the
temperatures of each of said heat generating components comprises detecting the
temperatures with one or more temperature sensors.

25. (New) The method according to claim 10, wherein the step of sensing the
temperatures of each of said heat generating components comprises anticipating the
temperatures of each of said heat generating components based upon an impending load on
each of the heat generating components.

26. (New) A computer readable storage medium on which is embedded one or more
computer programs, said one or more computer programs implementing a method for cooling
a plurality of heat generating components of an electronic system having an enclosure and a
plenum located within said enclosure, said one or more computer programs comprising a set
of instructions for:

activating at least one variable speed blower and a plurality of valves, each of said valves terminating substantially close to a respective heat generating component, to thereby supply cooling fluid to said heat generating components;

sensing the temperatures of each of said heat generating components;

determining whether said sensed temperatures are within a predetermined temperature range; and

varying said supply of said cooling fluid to said heat generating components in response to said sensed temperatures falling outside of said predetermined temperature range.

27. (New) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

determining whether the measured temperatures of said heat generating components are each below or equal to a predetermined minimum set point temperature.

28. (New) The computer readable storage medium according to claim 27, said one or more computer programs further comprising a set of instructions for:

decreasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that fall below or equal said predetermined minimum set point temperature

29. (New) The computer readable storage medium according to claim 27, said one or more computer programs further comprising a set of instructions for:

increasing the supply of said cooling fluid to said heat generating components for those heat generating components having measured temperatures that exceed said predetermined minimum set point temperature.

30. (New) The computer readable storage medium according to claim 27, said one or more computer programs further comprising a set of instructions for:

manipulating the speed of said at least one blower in response to said varying said supply of said cooling fluid to said heat generating components in response to said sensed temperatures falling outside of said predetermined temperature range.

31. (New) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

supplying the plenum with cooling fluid with the at least one variable speed blower prior to supplying the cooling fluid to said heat generating components; and substantially maintaining a portion of the cooling fluid at a substantially uniform pressure.

32. (New) The computer readable storage medium according to claim 26, said one or more computer programs further comprising a set of instructions for:

anticipating the temperatures of each of said heat generating components based upon an impending load on each of the heat generating components.